said filter opening passage cross-sections vary automatically in response to a variable inherent in the medium passing therethrough.

11. (New) The filter according to claim 10, including said filter openings substantially screened or covered over by means whose position relative to said filter openings varies under the influence of the heat of said medium passing therethrough.

12. (New) The filter according to claim 11, including said means including a perforated plate with openings somewhat longer than openings formed in a filter plate and said perforated plate is shifted under the influence of the heat of said medium passing therethrough by means of at least one element acting on said filter plate.

13. (New) The filter according to claim 12, including said element is a spring element which varies in the effective length of said spring element under the influence of the heat of said medium passing through said filter openings.

14. (New) The filter according to claim 13, including said spring element formed from a shape memory alloy.

15. (New) The filter according to claim 13, including said spring element supported on a first side by a fixed edge of said filter body and on an opposite side against an edge of said perforated plate.

16. (New) The filter according to claim 15, including at least one spring element is affixed to said perforated plate.

17. (New) The filter according to claim 15, including at least one reset spring opposing said spring element on an opposite side of said perforated plate.

18. (New) A dishwashing machine including a filter for a medium passing therethrough, comprising:

a filter body including a plurality of filter openings;

said filter openings each having a passage cross-section; and

said filter opening passage cross-sections vary automatically in response to a variable inherent in the medium passing therethrough.

19. (New) The dishwashing machine according to claim 18, including said filter openings substantially screened or covered over by means whose position relative to said filter openings varies under the influence of the heat of said medium passing therethrough.

20. (New) The dishwashing machine according to claim 19, including said means including a perforated plate with openings somewhat longer than openings formed in a filter plate and said perforated plate is shifted under the influence of the heat of said medium passing therethrough by means of at least one element acting on said filter plate.

21. (New) The dishwashing machine according to claim 20, including said element is a spring element which varies in

the effective length of said spring element under the influence of the heat of said medium passing through said filter openings.

22. (New) The dishwashing machine according to claim 21, including said spring element formed from a shape memory alloy.

23. (New) The dishwashing machine according to claim 21, including said spring element supported on a first side by a fixed edge of said filter body and on an opposite side against an edge of said perforated plate.

24. (New) The dishwashing machine according to claim 23, including at least one spring element is affixed to said perforated plate.

25. (New) The dishwashing machine according to claim 23, including at least one reset spring opposing said spring element on an opposite side of said perforated plate.

REMARKS

The new claims are added to conform to US practice and to eliminate multiple dependent claims. The amendment does not add any new matter, but is merely formal in nature to place the application into better form for examination. If the Examiner has any questions regarding this amendment, the Examiner is requested to contact the undersigned.